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WINTER HUMMINGBIRDS IN TENNESSEE: GENERAL COMMENTS AND SUMMARY OF 2001-2002 BANDING EFFORTS

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In this article, I summarize winter hummingbird banding results for the winter of 2001-2002, and I briefly discuss the status of winter hummingbirds in Tennessee generally. In the winter of 2001-2002, licensed hummingbird banders banded 16 hummingbirds of two species in Tennessee. In addition, at least three birds that were not captured and banded have been identified as Rufous Hummingbirds (*Selasphorus rufus*) based on photographic evidence.

STATUS OF WINTER HUMMINGBIRDS IN TENNESSEE

To date, six species of hummingbirds have been documented in Tennessee. In order of abundance in winter (generally, "winter" refers to the period between mid-November and the end of March, when Ruby-throated Hummingbirds are not expected to be present), they are: Rufous Hummingbird (*S. rufus*) (numerous records), Ruby-throated Hummingbird (*Archilochus colubris*) (six records), Black-chinned Hummingbird (*A. alexandri*) (five records), Allen's Hummingbird (*S. sasin*) (four records), Calliope Hummingbird (*Stellula calliope*) (three records), and Anna's Hummingbird (*Calypte anna*) (one record). Interestingly, through 1988, there were only two records of Rufous Hummingbirds for Tennessee (Robinson 1990). Since that time, the number of winter hummingbirds (mostly Rufous) banded per year in Tennessee has steadily increased from an average of 2.3 birds banded per winter for the period from winter 1990-1991 through winter 1995-96 up to an average of 11.3 birds banded per winter for all subsequent winters through winter 2001-2002, excluding the winter of 1998-1999, for which much of the data has been lost due to a computer glitch (pers. ob.; R. Sargent, Hummer/Bird Study Group, Inc., pers. comm.). Theories as to the reasons for this increase are, regrettably, a topic best

saved for another day. The number of winter Ruby-throated Hummingbird records is somewhat misleading as an indicator of relative abundance in winter, because most Ruby-throated Hummingbirds found in Tennessee in the winter have significant health problems (pers. ob.; Sargent 1999).

Since November 1990, at least 74 winter hummingbirds have been documented in connection with the banding efforts of several individuals. Curiously, only three were documented in west Tennessee, and more than half (44) were documented in east Tennessee (Table 1). The reasons for this pattern of distribution are unknown. However, the presence of well-informed, well-publicized local networks of observers who report winter hummingbird sightings may be a contributing factor in east and middle Tennessee. These networks are the result of numerous public presentations and newspaper articles in the areas producing the most records. Development of a similar network in west Tennessee would likely result in a considerable increase in numbers of hummingbirds reported and banded in that region.

In addition, each year a number of birds are observed but not banded, either because no banders are able to make an attempt, or because the attempt fails. A number of these birds consist of adult male Rufous Hummingbirds that visit a feeder for a very brief period during fall migration in late August or early September (pers. ob.; R. Sargent, Hummer/Bird Study Group, Inc., pers. comm.). Typically, the author receives one or two such reports each fall, and, indeed, two such reports have already been received during the fall of 2002. Often those birds appear and depart so quickly that there is not enough time for a bander to make an attempt to document them. This author is also of the opinion (albeit without any supporting empirical evidence) that other age and sex classes of Rufous Hummingbird also occur during the same time period, but are not detected by observers amidst the large numbers of Ruby-throated Hummingbirds likely to be sharing available resources.

Of those birds that linger through a weekend, Bob Sargent, Hummer/Bird Study Group Inc., estimates that banders make an effort to band at least 90% of all winter hummingbirds, including all those suspected to be a rarer species.

Table 1. Geographic distribution of winter hummingbirds banded in Tennessee from winter 1990-1991 through winter 2001-2002.

	West	Middle	East
Rufous Hummingbird	2	20	33
Black-chinned Hummingbird		2	3
Ruby-throated Hummingbird	1	3	2
Allen's Hummingbird			4
Calliope Hummingbird		1	2
Anna's Hummingbird		1	
Totals	3	27	44

WINTER 2001-2002

Sixteen hummingbirds were banded in Tennessee during the winter of 2001-2002 (Table 2). Note that, for Tennessee hummingbird banding purposes, "winter"

generally refers to the period of time from mid-November through the end of March, which approximates the period in which Ruby-throated Hummingbirds are not normally present in Tennessee. Except where indicated, all of these birds were banded by Portia Macmillan and / or Chris Sloan. The age designation "AHY" means "after hatching year," a bird hatched in an undetermined year prior to the current calendar year. Similarly, "HY," for "hatching year," means the bird hatched in the current calendar year, and "SY," for "second year," means the bird hatched in the previous calendar year The breakdown of age-sex classes among the banded Rufous Hummingbirds is interesting (Table 3). "Immature" includes all birds aged HY in 2001 and SY in 2002 during the winter of 2001-2002. It is possible that the disproportionately large number of adult females is the product of some factors beyond our current understanding, but prior years' banding data does not suggest that these numbers are the continuation of any sort of pattern. Data from 2002-2003 will be evaluated for confirmation.

Table 2. Species, age, sex, and location of hummingbirds banded in Tennessee in winter 2001-2002.

Date	Species	Age - Sex	City (County)
11/3/01	Rufous	AHY-F	Kodak (Sevier)
11/8/01	Rufous	AHY-F	Franklin (Williamson)
11/10/01	Rufous	AHY-F	Sewanee (Franklin)
	Comment: Recaptured 1/5/02 by Fred Bassett in Cantonment, FL		
11/17/01	Rufous	AHY-F	Knoxville (Knox)
12/8/01	Black-chinned	AHY-F	Cleveland (Bradley)
	Comment: Banded by Bob & Martha Sargent.		
12/22/01	Rufous	HY-M	Oliver Springs (Roane)
12/22/01	Rufous	AHY-F	Oliver Springs (Morgan)
1/12/02	Rufous	AHY-F	Sevierville (Sevier)
1/12/02	Rufous	SY-M	Maryville (Blount)
1/12/02	Rufous	AHY-M	Midtown (Roane)
2/1/02	Rufous	AHY-F	Loudoun (Loudoun)
	Comment: Originally banded 1/17/01 by Fred Moore in Gainesville, GA		
2/5/02	Rufous	AHY-F	Chattanooga (Bradley)
	Comment: Banded by Bob & Martha Sargent		
2/5/02	Rufous	AHY-F	Apison (Bradley)
	Comment: Banded by Bob & Martha Sargent		
2/22/02	Rufous	SY-F	Kingsport (Sullivan)
	Comment: Banded by Fred Moore		
2/22/02	Rufous	SY-M	Elizabethton (Carter)
	Comment: Banded by Fred Moore		
2/23/02	Rufous	SY-F	Dayton (Rhea)
	Comment: Banded by Fred Moore		

Table 3. Age and sex of Rufous Hummingbirds banded in Tennessee in winter 2001-2002.

	Males	Females
Immature	3	2
Adult	1	9

I would like to thank Bob Sargent for reviewing and commenting on this article, in addition to contributing data on birds that he and his lovely wife Martha banded. I would also like to thank Fred Moore for contributing data on birds that he banded.

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EIGHT-YEAR OLD AMERICAN REDSTART

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On 8 June, 2002, while conducting a banding demonstration at the Pot Point Biological Field Station in the Tennessee River Gorge, Marion Co., Tennessee, David A. Aborn captured a female American Redstart (*Setophaga ruticilla*) bearing U.S. Fish and Wildlife Service band number 1900-29827 in a mist net. This bird proved to be an individual originally banded by David F. Vogt on 19 September 1995 while operating a Monitoring Avian Productivity and Survivorship (MAPS) banding station at the same location. At the time of banding, this bird had a fully pneumatized skull and exhibited a fully developed brood patch indicating that it was an after hatch year female that had hatched in the 1994 breeding season or earlier. This individual, at time of recapture, was approaching an age of at least 8 years. Records from the Breeding Bird Laboratory indicate a 10-year old male represents the maximum longevity record for this species (http://www.pwrc.nbs.gov/bbl/). Females reportedly survive at a lower rate than do males (Sherry and Holmes 1997). Average survival rates of adult birds have been estimated at 47.7% (Sherry and Holmes 1997) indicating the individual recaptured in the Tennessee River Gorge was exceptionally long-lived.

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Sherry, T.W., and T.H. Holmes. 1997. American Redstart (*Setophaga ruticilla*). In A. Poole and F. Gill, eds. *The Birds of North America, No.277*, The Birds of North America, Inc., Philadelphia, PA.

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THE 2001 CHRISTMAS BIRD COUNT

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The 2001-2002 Christmas Bird Count season produced 150 species (plus one during count week) on 28 counts (Table 1). Four hundred and forty-four participants across the state logged 1425 party hours and found over 387,000 individual birds (271.47 birds per party hour). The Reelfoot count again tallied the state's highest total of species with 114 (plus 3 more during count week), followed by Savannah with 104. The weather cooperated, for the most part, by being relatively mild with little rain and light winds. Many counts started near or below freezing, but warmed up nicely. Many counts got up into the 60's by the afternoon. Hiwassee was the only count that experienced single digit temperatures.

The Jackson count did not repeat last year's amazing 2 million plus blackbirds, but still had over 10,000 American Crows. The Knoxville count had the state's highest number of participants with 48. The large turnout produced state high totals for no less than 19 species and 14 Knoxville count records. Twenty-one species were found on only one count, while 15 species were represented by a single individual.

INFORMATION ON THE COUNTS

BRISTOL (36°35'N, 82°06'W): 30 Dec. 2001; 0500-1900. Weather: temp. 16-43°F; clear all day; very cold early; wind was 0-10 mph; still water was frozen and moving water was open. Gadwall, Hooded Merganser, American Crow, Eastern Bluebird, and Northern Mockingbird were found in Bristol CBC record numbers. Unusual species for the count were Eared Grebe, Snow Goose, Merlin, Ruffed Grouse, Herring Gull, and a *Selasphorus* sp. hummingbird. Great Horned Owls represented a state high total. Participants: Rob Biller, Ron Carrico, Wallace Coffey, Glen Eller; Bert, Ken, and Loraine Hale; Kevin Hamed, Don Holt, Ton Hunter, Andy Jones, Richard Knight, Phillip Lewis, Richard Lewis (compiler: 407 V.I. Ranch Rd., Bristol, TN 37620; mountainbirds@email.com), Janice Martin, Larry McDaniel, Bob Quillen, and Dave Worley.

BUFFALO RIVER (35°18'N, 87°28'W): 28 Dec. 2001; 0630-1700. Weather: temp. 12-28°F; partly cloudy all day, with fairly mild temperatures. The unusual species for the count was Sandhill Crane. This count also produced nice numbers of Wild Turkey, Northern Bobwhite, Loggerhead Shrike, Horned Lark, and Fox Sparrows. Participants: Michael and Jennifer Beuerlein, Billy Engels, Connie Hollman, Chester and Dorothy McConnell, Jane Newell, Carole Owen, Donette Sellers, Don Simbeck (compiler: 424 Riddle Ln., Loretto, TN 38469; dnks@lorettonet.net), and Buford Worn.

CADE'S COVE (35°36'N, 83°50'W): 30 Dec. 2001; 0730-1740. Weather: temp. 15-38°F; clear and cold with frost in the a.m., and partly cloudy in the p.m. Winds

were light and variable. The number of participants this year tripled, helping to add six new species to the count. These were Black Vulture, Sandhill Crane, Common Snipe, American Pipit, Pine Warbler, and Chipping Sparrow. Some other difficult to find species were Ruffed Grouse and Red-headed Woodpecker. Nice numbers were turned in for Pileated Woodpeckers, White-breasted Nuthatches, and American Pipits, while 135 Golden-crowned Kinglets were a state high total. Eastern Bluebirds and Hermit Thrushes set record high numbers for this count. Participants: Mark Armstrong, Richard Davis, Tracey Everson, Paul Jastram, Jim Greenway, Paul Hartigan, Audrey Hoff, Susan Hoyle (compiler: P.O. Box 8421, Knoxville, TN 37996; hoyle@cs.utk.edu), Jim Human, Evan James, Kristine Johnson, Charlie Muise, Martha Rudolph, Beth and Daniel Schilling, Allen Trently, and David Trently.

CHATTANOOGA (35°06'N, 85°14'W): 22 Dec. 2001; 0500-1730. Weather: temp. 30-40°F; mild winter temperatures, with clear skies in the a.m., becoming partly cloudy in the p.m. Red-headed Woodpecker, Northern Flicker, American Pipit, Eastern Towhee, and Pine Siskin set record numbers for this count. The Brown-headed Nuthatch total was a state count high. Unusual species found were Black-crowned Night-Heron, Snow Goose, Merlin, and Gray Catbird. Participants: Caleb and Cloyd Bell, Nelson Bennett, Harold Birch, Kevin Calhoon (compiler: 934 Craven's Terrace, Lookout Mountain, TN 37409; KAC@tennis.org), Janice Chadwell, Brainard Cooper, Danny Gaddy, Bill Haley, John Henderson, Daniel Jacobson, Bonnie Johnson, Starr Klein, Jonnie Sue Lyons, Barbara and Mike McMahan, Judy Newsome, Johnny Parks, Tom Patton, Debbie and Roi Shannon, David Spicer, Cynthia and Jimmie Wilkerson, Carole and Dan Williams, and Hayden Wilson.

CLARKSVILLE (36°30'N, 87°22'W): 15 Dec. 2001; 0700-1630. Weather: temp. 41-55°F; clear, mild temperatures in the a.m., becoming partly cloudy in the p.m. Turkey Vultures and American Goldfinches were found in record numbers. Wild Turkeys and American Pipits were found in good numbers also, but the count total was the lowest in the 30 year history of this count. This was probably due to the mild winter temperatures not driving wintering species far enough south by count day. Participants: Amy Atkins, Suva Bastin, Alan Bottomlee, Ken Davenport, Randy Ellis, Elaine Foust, Debbie Hamilton (compiler: 290 Ardmoor Dr., Clarksville, TN 37043; hamiltonsw@apsu.edu), Steve Hamilton, David Kim, Sandy Koenig, Bonnie and Leonard Kruck, Amanda Lubby, Gloria and William Milliken, Anna and Martin Ragland, Joe Schiller, and Scott Williamson.

CLAY COUNTY (36°30'N, 85°22'W): 18 Dec. 2001; 0420-1630. Weather: temp. 42-55°F; clear day with very mild temperatures and some light winds. No record numbers of any species were noted on the count this year, but participants turned up an amazing 125 White-breasted Nuthatches. American Kestrel, Eastern Screech Owl, and Pileated Woodpecker all represented state high totals. Participants: DeWayne and Lynn Brown, Terry Campbell (compiler: 1886 New Hope Rd., Celina, TN 38551), Gary Casey, Roseanna Denton, Graham Kash, Arlene Morton, Michael O'Rourke, Ronnie Smith, Barbara and Stephen Stedman, and Winston Walden.

COLUMBIA [Mayfield-Gray] (35°36'N, 87°10'W): 15 Dec. 2001; 0500-2300.

Weather: temp. 45-65 F; very mild temperatures and partly cloudy skies all day. Bald Eagle and Merlin were unusual species for the count. Other interesting finds were a couple of Greater White-fronted Geese and a state high 26 Canvasbacks. Participants: Steven Brinkley, Bobby and Janet Brown, Jennifer and Robert Cardenas, Phyllis Coble, Tommy Edwards (compiler: 896 Iron Bridge Road, Columbia, TN 38401; tomandmissy@peoplepc.com), William Jernigan, Allyn Lay, Anne and Bedford Lochridge, George Mayfield, and Karen Smith.

COOKEVILLE (36°09'N, 85°28'W): 15 Dec. 2001; 0415-1645. Weather: temp. 36-64°F; temperatures were mild, with partly cloudy skies and variable winds to 20 mph. Blue-winged Teal (one of only two found in the state) and Brown-headed Nuthatch were new species for this count, bringing the all time species total to 126. Turkey Vulture, Barred Owl, Northern Flicker, Carolina Wren, Eastern Bluebird, Hermit Thrush, Northern Mockingbird, Cedar Waxwing, White-throated Sparrow, and American Goldfinch were found in highest-ever totals for this count. Participants: Sharon and Wally Brines, Frank Bulow, Terry Campbell, Daniel Combs, Ivan Cordrey, Ginger Ensor, Susan Ford, Louann Gum, Graham Kash, Kenneth Morgan, Michael O'Rourke, Lynda and Thomas Mills, Thomas Roberts, Richard Simmers, Barbara and Stephen Stedman (compiler: 2675 Lakeland Dr., Cookeville, TN 38506; sstedman@tntech.edu), Winston Walden, and Carol Williams. Feederwatcher: John Owens.

CROSS CREEKS N.W.R. (36°28'N, 87°45'W): 21 Dec. 2001. Weather: No weather data given. Participants turned up state high totals for Ring-necked Duck, Wild Turkey, and Lincoln's Sparrow. They also found the state's only Harris's Sparrow. Participants: Margaret Blanton, Richard Graves, Wendell Halderson, Madge Lawrence, Bill and Joyce North, and Sarah Welker (compiler).

ELIZABETHTON (36°20'N, 82°08'W): 15 Dec. 2001; 0600-1730. Weather: temp. 37-58°F; mild temperatures and partly cloudy skies, with wind NW at 5-10 mph. The 79 species found this year ties the record high count, set in 1995. A lone Blue-winged Teal was one of only two found in the state this year. Participants also found the state's only Long-tailed Duck and a surprising White-eyed Vireo. Red-headed Woodpecker, Eastern Phoebe, and Red-breasted Nuthatch set new count high records. Participants: Fred Alsop, Rob Biller, Gilbert Derouen, Glen Eller, Don Holt, Barney Keffer, Rick Knight (compiler: 804 N. Hills Dr., Johnson City, TN 37604: RKnight@preferred.com), H. P. Langridge, Jennifer Laughlin, Joe McGuiness, Charles Moore, Bryan Stevens, Allen Trently, Gary Wallace, and Frank Ward.

FAYETTE COUNTY (35°06'N, 90°35'W): 5 Jan. 2002. Weather: temp. 37-44°F; just above freezing and partly cloudy skies in the a.m., with partly cloudy skies and light rain in the p.m. No record count numbers were produced this year, but some nice totals were turned in for Northern Harrier, Vesper Sparrow, White-crowned Sparrow, Rusty Blackbird, and a lone Brewer's Blackbird. Participants: Chas Askew, Carolyn Bullock, Lilliand Durand, Kate Gooch, Van Harris, Sissy Jones, Kay Lait, Susan McWhirter, Dick Preston, Fields Trimble, Martha Waldron, and Richard

Whittington (compiler: 338 Williamsburg Lane, Memphis, TN 38117; RichWhit@RWAssociates.com).

GREENEVILLE: 22 Dec. 2001; 0700-1800. Weather: temp. 23-60°F; cold in the morning, becoming very mild in the p.m., with partly cloudy skies and winds gusting to 10 mph all day. Participants found the state's only Green Heron. Other species of interest were Snow Goose, 2 of the state's 3 Barn Owls, Loggerhead Shrike, and American Tree Sparrow. Osprey was also found during count week. Participants: Cindi, Mark, Orland, and Phine Britton, King and Margaret Gaut, Juanita and Lenard Heckert, Jim Holt (compiler: 311 Colonial Circle, Greeneville, TN 37725; jholt@xtn.net), Ralph Keffer, Rick Knight, Alice Loftin, Don Miller, Fawn and Velda Moore, Richard and Willie Ruth Nevius, Linda Northrop, Lou Simmons, and Virginia Williams.

GREAT SMOKY MOUNTAINS NATIONAL PARK (35°43'N, 83°29'W): 29 Dec. 2001. Weather: temp. 19-48°F; cold and clear in the a.m., turning mild and partly cloudy in the p.m. This was the only count that recorded Black-capped Chickadee. Totals for Wild Turkey, Red-bellied Woodpecker, Carolina Chickadee, and Red-breasted Nuthatch set new high marks for the count. Hairy Woodpecker, Brown Creeper, Winter Wren, Red Crossbill, and Pine Siskin all represented state high totals. Participants: Mark Armstrong, Lyn Bales, Ed and Meredith Clebsch, Marcia Davis, Tracey Everson, David Hankins, Audrey Hoff, Harold Howell, Susan Hoyle, Kristine Johnson, Jim Lowe, Charlie Muise, Chuck Nicholson, Martha Rudolph, Boyd Sharp, Glenn Taylor, Allan Trently, David Trently (compiler: 1029 Morrow Dr., Knoxville, TN 37923; dtrently@utk.edu), and Keith Watson.

HICKORY-PRIEST (36°12'N, 86°40'W): 1 Jan. 2002. Weather: temp. 15-35°F; cold and partly cloudy in the a.m., climbing just above freezing and partly cloudy in the p.m. Participants recorded some whopping numbers with 4,600 Ring-billed Gulls and 9,215 American Robins, both state high totals. Totals for Horned Grebe, Black-crowned Night-Heron, and European Starling were also state high marks. Black-crowned Night-Heron, Black Vulture, and Barred Owl set new high marks for the count. A lone Sedge Wren was one of only two found in the state on count day. Participants: Gary Casey, Phillip Casteel, Richard Conners, Jerry Drewry, Mark Hackney, Bill and John Leader, Lynn Lesher, Jan Shaw, Rob Simbeck, Chris Sloan (compiler: 512 Old Hickory Blvd., Apt. 1203, Nashville, TN 37209; chris.sloan@comcast.net), Joe Stone, and Sabin Thompson.

HIGHLAND RIM: 29 Dec. 2001; 0500-1300. Weather: temp. 30's; cool and partly cloudy, with temperatures in the mid 30's. Highlights included the state's only Spotted Sandpiper, along with a White-fronted Goose, 9 Bald Eagles, and a couple of Purple Finches. Participants: John Bruner (compiler: 2752 Old Salem Lexie Rd., Belvedere, TN 37306; jbruner@infoave.com), Don Davidson, John Lamb, Ruth Luckado, Lee and Nicky Medley, Alex and Amy Neubauer, Chloe and Howie Peebles, and Dale Swant.

HIWASSEE (35°22'N, 84 54'W): 1 Jan. 2002; 0500-1730. Weather: temp. 9-38°F; very cold and clear in the a.m., climbing just over freezing and clear in the p.m. This count turned up the state's only Tundra Swan and Dunlin. Great Egret and Ross's Goose were unusual finds. Wood Duck, American Black Duck, Hooded Merganser, Sandhill Crane (11,658!), Common Snipe, Belted Kingfisher (tie), Field Sparrow, and American Goldfinch all represented state high totals. Participants: David Aborn, Harold Birch, Clyde Blum, Kevin Calhoon (compiler: 1185 Mountain Creek Rd., Apt. 715, Chattanooga, TN 37045; kac@tennis.org), Bill Haley, John Henderson, Daniel Jacobson, Bonnie Johnson, Judy Newsome, Johnny Parks, Robin Rudd, Debbie and Roi Shannon, David Trently, Chris Welsh, Cynthia and Jimmy Wilkerson, Hayden Wilson, and Libby Wolfe.

JACKSON (35 37' N, 88°49'W): 29 Dec. 2001; 0615-1815. Weather: temp. 26-42°F; cold and partly cloudy in the a.m., a bit warmer and partly cloudy in the p.m. Participants found the state's only Northern Goshawk and Rough-legged Hawk. Unusual species for the count were Fish Crow, Chipping Sparrow, Lapland Longspur, and Brewer's Blackbird. Killdeer, American Crow, Fish Crow, Rusty Blackbird, and Brewer's Blackbird all represented state high totals. Participants: Bob Ford, Clay and Jan Gascoigne, Mark Greene (compiler: 194 Mount Orange Rd., Trenton, TN 38382; mgreene@devap.com), Rick Light, Don Manning, Michael Todd, and Jeff Wilson.

KNOXVILLE (35°55'N, 84°05'W): 5 Jan. 2002; 0030-1800. Weather: temp. 18-49°F; clear and cold in the a.m., becoming mild and cloudy in the p.m., with an approaching front that produced 3" of snow the next day. The wind was light out of the south. Still water was mostly frozen, with deeper and running water clear. This was Knoxville's 99th Christmas Count. A state high 48 observers, not surprisingly, recorded state high totals for Great Egret (tie), Sharp-shinned Hawk, Red-shouldered Hawk, Rock Dove, Belted Kingfisher, Red-bellied Woodpecker, Yellow-bellied Sapsucker, Downy Woodpecker, Blue Jay, Carolina Chickadee, Tufted Titmouse, Carolina Wren, Northern Mockingbird, Brown Thrasher, Cedar Waxwing, Palm Warbler, Eastern Towhee, Song Sparrow, and Northern Cardinal. The totals for Great Blue Heron, Turkey Vulture, Sharp-shinned Hawk, Red-shouldered Hawk, Ring-billed Gull, Red-bellied Woodpecker, Downy Woodpecker, Blue Jay, Carolina Chickadee, Tufted Titmouse, White-breasted Nuthatch, Eastern Bluebird, Brown Thrasher, and Cedar Waxwing were all Knoxville count records. Waterfowl numbers were down due to frozen ponds and a historical waterfowl hotspot being dry from prolonged drought. Unusual species were Great Egret, Bald Eagle (cw), Wild Turkey (2nd count ever), *Selasphorus* hummingbird (probably the same Rufous that was found last year at the same location), Red-headed Woodpecker, Loggerhead Shrike, and Orange-crowned Warbler (also seen at the same spot it was found last year). Participants: Jean Alexander, Lyn Bales, Peg Beute, Frank Bills, Ruth Boys, Edward Clebsch, Marcia Davis, K. Dean Edwards (compiler: 1615 Meadow Chase Lane, Knoxville, TN 37931; kde@utk.edu), Chris Foelli, Reid Gerhardt, Paul Hartigan,

Madeleine Hassil, Amber Hensley, Audrey Hoff, Ron Hoff, Tom Howe, David Howell, Harold Howell, Susan Hoyle, Jim Human, Kevin James, Wesley James, Peggy Jaskolka, Pennie Jennings, David Johnson, Kristine Johnson, Tony King, Janet McKnight, Alison and Bill McNutt, Dollyann Myers, Charles Nicholson, Joseph Pyle, W. Kelly Roy, Martha Rudolph, Michael Ryon, Daniel and Elizabeth Schilling, Boyd Sharp, Robert Steffy, Jean Stierberger, Susie Stout, Allan Trently, David Trently, June Welch, Chris Welsh, Corwin Witt, and Alice Woody.

LEBANON (John Sellars Chapter): 29 Dec. 2001; 0700-1500. Weather: temp. low 30's. cloudy and freezing in the morning, becoming sunny and still cold in the afternoon. Participants produced a state high number of Double-crested Cormorants, along with good numbers of Gadwall, Hooded Mergansers, and Ring-billed Gulls. Participants: Charles and Earline Berry, Frank Crawford, Kay Norris, Melissa Turrentine (compiler: 339 Rippy Ridge Rd., Normandy, TN 37360; roymel@cafes.net), Roy Turrentine, Dean Walker, and Jeri Walker.

MEMPHIS (35°09'N, 89°56'W): 22 Dec. 2001; 0600-1630. Weather: temp. 42-60°F, very mild temperatures, with 5-20 mph wind, some light rain, and partly cloudy to cloudy skies. Unusual species were the state's only Mute Swan, the state's only Osprey found on count day, a "Harlan's" Red-tailed Hawk, Rufous Hummingbird, and Lincoln's Sparrow. Red-shouldered Hawk and Eurasian Collared-Dove set new high totals for the Memphis count, while Least Sandpiper, Common Grackle, and House Sparrow represented state high totals. Participants: David Blaylock, Carolyn Bullock, Fred Carney, Van Harris, Ron Hoff, Anne Hooper, Bob Ilardi, Margaret Jefferson, Keith Kunkel, Dollyann Myers, Gerry Papachristou, George and Jeanne Payne, Rob Peeples (compiler: 8205 Meadow Glen Dr., Germantown, TN 38138; wpeeples@midsouth.rr.com), Dick Preston, Virginia Reynolds, Ed Thomas, Martha Waldron, Barbara Wilson, and John Zempel.

NASHVILLE (36°03'N, 86°56'W): 15 Dec. 2001; 0330-1700. Weather: temp. 44-61°F; clear and cool in the a.m., becoming cloudy and mild in the p.m. The wind was out of the south at 3-8 mph. Participants turned up the state's only Common Yellowthroat. They also produced a state high count for American Woodcock. Other interesting finds were Winter Wren, American Tree Sparrow, and Rusty Blackbird. Participants: Sandy Bivens, Bob Brown, Jean Buchanan, Ed Byrne, Eileen Cartwright, Gary Casey, Phillip Casteel, Richard Conners, Camille Crenshaw, Jay Desgrosellier, Carrie and David Dortch, Bob and Pandy English, Troy Ettel, Frank Fekel, Tarcila Fox, John Froeshauer, Ed Gleaves, Linda Kelly, Cass Kennedy, Elizabeth O'Conner, Mohan Pattanayek, Sarah Scott, Jan Shaw (compiler: 5019 Timberhill Dr., Nashville, TN 37211; JanKShaw@aol.com), Kathy Shaw, Dee Thompson, Rita Venable, Bryant Woods, and Mary Zimmerman.

NICKAJACK LAKE (35°04'N, 85°31'W): 29 Dec. 2001; 0430-1730. Weather: temp. 31-52°F; freezing and partly cloudy in the a.m., becoming partly cloudy and mild

in the p.m. The wind was out of the NE at 5-20 mph, and still water was partly frozen. Northern Shoveler, Double-crested Cormorant, Lesser Scaup, Wild Turkey, American Coot, and Brown-headed Nuthatch all set records for this count. In addition, Pied-billed Grebe (tie), Greater Scaup, Red-shouldered Hawk (tie), American Coot (a staggering 18,760!), Ruby-crowned Kinglet, and Pine Warbler were high totals for the state. Greater Scaup, Winter Wren, European Starling, and Common Grackle set low total records for this count. Barred Owl was missed for the first time in the 17 year count history. American Pipit was missed for only the second time. Vesper Sparrow returned to the count after a ten year absence. Horned Lark and American Pipit were missed this year after setting record highs last year. Participants: Nelson Bennett, Harold Birch, David Chaffin, Danny Gaddy, William Haley, John Henderson, Jerry Ingles, Johnny Parks (compiler: 164 McDonald Dr., Ringgold, Ga. 30736; Ringgold_birdchaser@juno.com), Rebecca and Robin Rudd, Debbie and Roi Shannon, Carl Swafford, David Vogt, and Cynthia and Jimmy Wilkerson.

NORRIS (36°13'N, 84°05'W): 15 Dec. 2001; 0630-1615. Weather: temp. 40-58°F; cool and clear in the a.m., turning mild and partly cloudy in the p.m. Good participation helped set a new record for total species at 78 (the old record was 77) and find count record numbers for Black and Turkey Vultures; Red-headed, Red-bellied, and Downy Woodpeckers; Eastern Phoebe (also a state high total); Tufted Titmouse; Northern Mockingbird; and Cedar Waxwing. Sharp-shinned Hawk, American Coot, and Hermit Thrush all tied previous count highs. A lone Evening Grosbeak was a nice surprise, and Sedge Wren was a new species for the count. Participants: Ellen Bean, K. Dean Edwards, Tracey Everson, Grace Foster, David Hankins, Harold Howell, Susan Hoyle, Dev Joslin, Tony King, Nell Moore, Charlie Muise, Charles Nicholson (compiler: P. O. Box 402, Norris, TN 37828; cpnichol@bellsouth.net), Laurie Pearl, Martha Rudolph, Boyd Sharp, David Trently, and Kim Welch.

REELFOOT LAKE (36°25'N, 89°23'W): 13 Dec. 2001; 0500-1800. Weather: temp. 38-51 F; cloudy and cool in the a.m., turning partly cloudy and mild in the p.m. Wind was 5-10 mph. This count had the highest number of species on count day again with 114. Rough-legged Hawk, Yellow-headed Blackbird, and Purple Finch were also seen during count week. Participants produced state high totals for 32 species. Greater White-fronted Goose numbers set a new count record. Prairie Falcon, Greater and Lesser Yellowlegs, Smith's Longspur, and Western Meadowlark were only found on this count. Participants: Glen Criswell, Jerry Drewry, Bob Foehring, Mark Greene (compiler: 194 Mount Orange Rd., Trenton, TN 38382; mgreene@devap.com), Joe Guinn, Ken Leggett, Don Manning, Nancy Moore, Chris Sloan, Joe Stone, Sabin Thompson, Michael Todd, Melinda Welton, and Jeff Wilson.

ROAN MOUNTAIN (36°06'N, 82°07'W): 16 Dec. 2001; 0600-1600. Weather: temp. 32-55°F; freezing and partly cloudy in the a.m., turning milder and partly cloudy in

the p.m. The winds were SW at 0-10 mph. New count records were set by Common Raven, Red-breasted Nuthatch, and Northern Mockingbird. The totals for Ruffed Grouse, Common Raven, Red-breasted Nuthatch, and Evening Grosbeak represented state highs. Participants: Fred Alsop, Rob Biller, Tess Cumbie, Glen Eller, Don Holt, Rick Knight (compiler: 804 N. Hills Dr., Johnson City, TN 37604; rknight@preferred.com), Bryan Stevens, Allan Trently, David Trently, and Gary Wallace.

SAVANNAH (35°08'N, 88°09'W): 5 Jan. 2002. Weather: temp. 19-48°F; cold and partly cloudy in the a.m., turning cloudy and mild in the p.m. The wind was SW at 0-10 mph. The totals for Common Loon, Red-tailed Hawk, American Kestrel, Yellow-bellied Sapsucker, Downy Woodpecker, American Robin, Yellow-rumped Warbler, and White-throated Sparrow were all new count records. The totals for Merlin, Herring Gull, Short-eared Owl, Red-headed Woodpecker, House Wren (one of two for the state), Ruby-crowned Kinglet, Hermit Thrush, American Robin, Yellow-rumped Warbler, 7 species of Sparrows (!!), and Purple Finch all represented state highs. Eurasian Collared-Dove was new to the count and a first record for Hardin County. Participants: Moez Ali, Deane Bradford, Ralph Brinkhurst, Dwight Cooley, Jeff Garner, Scott Gravette, Don Manning, Francis and Gary Markine, Johnny Parks, Ned Piper, John Ross, Floyd Sherrod, Damien Simbeck (compiler: 4905 County Rd. 33, Killen, AL 35645; djsimbeck@tva.gov), and Michael Todd.

SHADY VALLEY (36°30'N, 81°51'W): 23 Dec. 2001; 0600-1530. Weather: temp. 36-52°F; just above freezing and cloudy with light rain in the a.m., becoming milder with clouds and light rain in the p.m. New count records were established for Mourning Dove, American Robin, and Cedar Waxwing. Participants: Rob Biller (compiler: 1500 Bell Ridge Rd., Apt. 5, Johnson City, TN 37601; rbiller@aol.com), Ron Carrico, Wallace Coffey, Kevin Hamed, Don Holt, Tom Horsch, and Rick Knight.

WARREN COUNTY (35°40'N, 85°46'W): 22 Dec. 2001; 0545-1730. Weather: temp. 28-63°F; clear and cold in the a.m., becoming very mild and partly cloudy in the p.m. Some interesting finds were American Woodcock, Vesper Sparrow, White-crowned Sparrow, and Rusty Blackbird. Nice totals were also found for Red-breasted Merganser, American Pipit, and Eastern Meadowlark. Participants: Crystal and Doug Malone (compiler: littlemalone@blomand.net), Stephen Stedman, and Winston Walden.

ERRATUM: The number of Red-tailed Hawks for the Memphis count last year (2000-2001 Christmas count season) was entered in the wrong cell and showed up as 77 Rough-legged Hawks. Memphis had no Rough-legged Hawks on last year's count. The total for Rough-legged Hawks for the state should have been 3 on 3 counts, not 80 on 4 counts. Also, the total for Red-Tailed Hawks should have been 619 on 26 counts rather than 542 on 25 counts.

Table 1. Species observed, number of individuals, and effort for Tennessee Christmas

Species	Bris.	BRiv	Cade	Chat	Clark	Clay	Col	Cook	CrCk	Eliz	Fay	Grne	GSM
Common Loon	4	-	-	47	-	88	-	-	-	4	-	-	-
Pied-billed Grebe	14	1	3	33	4	16	10	4	20	4	2	2	-
Horned Grebe	11	-	-	49	-	51	1	-	-	18	-	-	-
Eared Grebe	1	-	-	-	-	-	-	-	-	-	-	-	-
Grebe sp.	-	-	-	-	-	-	-	-	-	-	-	-	-
American White Pelican	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	-	-	9	-	-	22	-	6	-	-	2	-
Great Blue Heron	18	12	2	419	31	30	48	8	5	13	31	23	1
Great Egret	-	-	-	-	-	-	-	-	-	-	-	-	-
Green Heron	-	-	-	-	-	-	-	-	-	-	-	1	-
Black-crowned Night-Heron	-	-	-	1	-	-	-	-	-	-	-	-	-
Black Vulture	72	65	8	81	98	20	148	125	4	3	26	70	-
Turkey Vulture	66	122	46	233	154	428	51	276	10	27	114	55	9
Greater White-fronted Goose	-	-	-	-	-	-	2	-	-	-	-	-	-
Snow Goose	1	-	-	1	-	-	12	-	-	-	-	3	-
Ross's Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	882	126	5	963	83	4	450	370	81	200	35	67	-
Mute Swan	-	-	-	-	-	-	-	-	-	-	-	-	-
Tundra Swan	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood Duck	3	-	-	7	-	3	21	3	26	1	4	6	5
Gadwall	92	2	-	140	2	8	17	12	17	1	2	33	-
American Wigeon	77	-	-	3	-	-	-	-	11	-	-	-	-
American Black Duck	8	-	8	-	-	cw	26	2	12	2	-	21	-
Mallard	788	49	30	267	64	87	80	89	34	152	276	87	-
Blue-winged Teal	-	-	-	-	-	-	-	1	-	1	-	-	-
Northern Shoveler	1	1	-	4	-	-	2	-	-	-	-	-	-
Northern Pintail	-	-	-	2	-	1	-	1	37	-	-	-	-
Green-winged Teal	5	-	-	93	-	15	12	-	18	-	-	17	-
Canvasback	-	-	-	-	-	-	26	-	-	-	-	-	-
Redhead	3	5	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	19	-	-	-	-	23	448	6	845	2	1	-	-
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Scaup	4	-	-	1	-	-	2	-	1	1	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	1	-	-	-
Bufflehead	229	-	10	14	-	13	-	6	2	95	-	-	-
Common Goldeneye	-	2	-	14	-	-	-	-	-	-	-	-	-
Hooded Merganser	303	6	-	21	1	9	24	6	270	-	-	-	-
Red-breasted Merganser	1	-	-	3	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	-	-	1	27	2	-	-	-	-	-
Duck sp.	-	-	-	-	2	-	-	-	-	-	-	-	-

Bird Counts conducted during the 2001-2002 Christmas count period.

Hick	HRim	Hiw	Jack	Knox	Leb	Mem	Nash	Nick	Norr	Reel	Roan	Savh	ShVl	Warr	Totals
42	7	8	-	1	-	-	-	5	3	1	-	10	-	-	220
91	3	7	12	67	26	12	2	247	2	42	1	106	-	3	754
73	1	-	-	3	-	-	1	6	3	19	-	32	-	-	272
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	19
1	4	108	-	18	310	46	1	81	-	238	-	12	-	-	868
100	30	120	8	176	15	13	15	58	14	63	2	60	7	4	1326
-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
52	-	-	-	2	-	-	-	-	-	-	-	-	-	-	55
44	39	90	84	51	49	5	119	47	90	30	-	27	15	15	1425
3	24	191	136	103	3	4	40	158	70	79	-	29	2	19	2452
-	1	-	-	-	-	-	-	-	-	1927	-	-	-	-	1930
-	-	6	-	-	-	-	-	-	-	557	-	-	-	-	580
-	-	1	-	-	-	-	-	-	-	3	-	-	-	-	4
484	108	840	6	686	70	343	153	16	219	289	-	128	96	175	6879
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	35	2	11	-	2	7	1	1	19	-	2	-	-	161
55	3	89	13	63	204	96	22	185	-	284	-	51	-	17	1410
2	-	151	2	-	7	-	-	1	-	528	-	3	-		795
1	7	586	2	-	2	-	2	3	1	1	4	1	-	-	689
276	58	3079	1035	276	33	295	115	115	75	9861	2	41	8	12	17284
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
13	4	-	27	8	1	39	-	2	-	175	-	7	-	-	284
-	-	8	35	-	-	cw	-	-	-	251	-	-	-	-	335
1	4	5	30	-	-	-	-	-	9	24	-	6	-	-	239
1	-	2	-	-	-	-	-	12	-	6	-	-	-	-	47
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	9
1	4	16	33	16	-	4	9	91	19	103	-	13	-	6	1659
-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	4
12	10	-	-	1	-	9	3cw	110	25	2101	-	54	-	-	2331
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
27	23	20	-	12	-	-	13	32	2	151	9	6	-	3	667
13	-	-	3	-	-	-	-	6	-	-	-	10	-	3	51
24	101	429	3	46	68	18	-	20	-	8	7	9	-	2	1375
-	-	8	-	-	-	-	-	-	-	2	-	-	-	12	26
47	1	3	1	2	-	10	-	42	1	3027	-	-	-	4	3170
-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	9

Species	Bris.	BRiv	Cade	Chat	Clark	Clay	Col	Cook	CrCk	Eliz	Fay	Gme	GSM
Osprey	-	-	-	-	-	-	-	-	-	-	-	cw	-
Bald Eagle	cw	-	-	6	-	1	1	-	3	2	-	-	-
Northern Harrier	-	7	2	1	1	1	8	-	3	-	8	5	-
Sharp-shinned Hawk	2	4	1	6	2	1	2	2	1	4	3	2	-
Cooper's Hawk	8	2	-	8	2	2	3	3	1	4	1	3	3
Northern Goshawk	-	-	-	-	-	-	-	-	-	-	-	-	-
Accipiter sp.	-	1	1	-	-	-	-	2	-	-	-	-	1
Red-shouldered Hawk	-	1	4	9	1	8	1	11	8	-	9	-	1
Red-tailed Hawk	36	21	3	38	10	37	45	29	20	12	31	35	5
Rough-legged Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-
Buteo sp.	-	-	-	-	-	-	-	-	-	-	-	-	-
American Kestrel	37	36	6	7	13	56	44	45	2	16	7	35	4
Merlin	1	-	-	1	-	-	1	-	-	-	-	-	-
Prairie Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruffed Grouse	1	-	4	-	-	-	-	-	-	1	-	-	3
Wild Turkey	cw	23	1	-	56	17	5	-	102	-	-	55	31
Northern Bobwhite	-	23	-	2	cw	17	-	14	-	-	-	14	-
American Coot	143	-	12	312	11	53	19	1	18	1	-	-	-
Sandhill Crane	-	5	1	14	-	2	-	-	-	-	-	-	-
Killdeer	19	93	19	148	21	34	199	47	93	26	127	100	36
Greater Yellowlegs	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Yellowlegs	-	-	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-
Least Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	3	23	4	4	-	-	1	cw	6	1	26	11	-
American Woodcock	-	-	-	-	-	2	-	-	-	-	-	-	-
Bonaparte's Gull	23	-	-	143	-	288	3	-	-	3	-	-	-
Ring-billed Gull	297	11	-	789	cw	83	-	cw	162	16	-	-	-
Herring Gull	1	-	-	7	-	-	-	-	7	-	-	-	-
Rock Dove	130	81	23	706	279	73	181	171	20	155	37	133	92
Eurasian Collared-Dove	-	-	-	1	-	-	-	-	-	-	-	-	-
Mourning Dove	343	127	70	221	230	106	56	394	50	176	134	295	40
Barn Owl	-	-	-	-	-	-	-	1	-	-	-	2	-
Eastern Screech Owl	9	1	8	4	-	12	8	7	-	10	1	4	3
Great Horned Owl	13	3	1	2	-	9	7	5	-	5	3	2	-
Barred Owl	-	2	-	2	1	6	7	4	-	1	4	-	-
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-	-
Rufous Hummingbird	1	-	-	-	-	-	-	-	-	-	-	-	-
Selasphorus sp.	-	-	-	-	-	-	-	-	-	-	-	-	-
Belted Kingfisher	11	8	3	20	27	11	17	10	16	15	4	12	2
Red-headed Woodpecker	1	1	1	23	11	2	3	14	9	5	20	4	-
Red-bellied Woodpecker	30	49	15	57	64	58	29	66	11	20	93	33	18
Yellow-bellied Sapsucker	10	6	12	23	11	24	9	8	6	9	6	2	19
Downy Woodpecker	42	41	42	45	47	60	39	49	9	25	32	33	56

Hick	HRim	Hiw	Jack	Knox	Leb	Mem	Nash	Nick	Norr	Reel	Roan	Savh	ShVl	Warr	Totals
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
1	9	20	-	1cw	-	-	-	9	-	71	-	5	-	-	129
-	6	2	11	-	1	4	3	-	-	29	-	20	1	1	114
2	2	3	cw	10	1	3	3	2	4	2	-	2	1	1	66
3	-	2	3	7	1	1	7	2	2	1	-	3	4	1	79
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7
3	-	13	7	16	1	7	2	16	8	10	1	12	1	cw	153
24	10	24	23	40	3	48	30	33	22	72	3	48	1	10	746
-	-	-	1	-	-	-	-	-	-	cw	-	-	-	-	1
-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
9	21	-	24	13	14	26	34	15	9	43	-	19	3	23	561
-	-	1	-	-	-	-	-	1	-	-	-	2	-	-	7
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	14
-	-	10	27	15	-	-	2	17	6	8	-	10	5	-	390
1	-	-	11	-	-	1	2	4	-	1	-	20	-	-	110
434	52	1	2	391	110	50	-18	760	62	46	-	270	-	76	20824
-	-	11658	-	29cw	-	-	-	7	-	-	-	-	-	-	11687
42	17	226	635	136	6	54	59	73	17	448	-	92	1	8	2778
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	6
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	3	-	-	-	75	-	-	-	-	-	-	-	-	78
-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	9
7	17	94	1	2	-	4	-	-	2	37	-	29	3	-	275
1	-	-	-	-	-	-	7	5	-	5	-	1	-	1	22
15	21	745	-	37	-	1	-	15	12	869	-	220	-	-	2395
4600	147	2230	5	3057	700	44	2	1072	20	2825	-	773	-	-	16833
3	-	-	-	1	1	-	-	1	-	4	-	26	-	-	53
330	40	32	247	882	70	411	450	87	135	129	12	357	10	39	3312
-	-	-	3	-	-	8	-	-	-	17	-	5	-	-	34
107	12	129	323	693	141	359	241	118	150	714	6	239	367	69	6110
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
1	3	6	1	10	-	-	3	7	1	1	-	2	3	-	107
4	1	8	1	3	-	1	3	7	2	4	-	7	2	2	97
5	2	1	2	2	-	3	-	-	3	15	-	8	-	2	70
-	-	-	-	-	-	-	-	-	-	2	-	4	-	-	6
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
11	3	34	4	34	3	7	21	19	9	9	3	11	6	3	337
2	4	4	6	10	-	12	1	21	9	18	-	30	-	1	212
19	10	51	45	150	6	76	71	39	82	52	-	97	7	11	1259
8	1	30	5	43	4	22	30	30	17	3	1	38	1	4	384
21	8	40	22	77	11	53	63	38	57	44	10	71	14	13	1062

Species	Bris.	BRiv	Cade	Chat	Clark	Clay	Col	Cook	CrCk	Eliz	Fay	Grne	GSM
Hairy Woodpecker	9	9	6	1	13	12	8	8	3	12	4	9	22
Northern Flicker	23	23	22	61	18	76	17	79	14	25	57	15	7
Pileated Woodpecker	21	17	34	16	16	53	15	15	3	16	11	10	32
Eastern Phoebe	13	10	11	7	2	18	2	14	-	17	-	7	11
Loggerhead Shrike	-	11	-	-	1	-	2	cw	-	-	3	5	-
White-eyed Vireo	-	-	-	-	-	-	-	-	-	1	-	-	-
Blue Jay	291	147	21	287	311	250	37	403	101	106	101	180	10
American Crow	1672	390	179	521	274	573	174	1034	460	358	237	359	178
Fish Crow	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Raven	4	-	3	-	-	-	-	-	-	8	-	1	12
Horned Lark	-	41	-	-	-	-	8	-	6	-	13	-	-
Carolina Chickadee	148	87	243	186	211	231	123	130	26	179	53	127	207
Black-capped Chickadee	-	-	-	-	-	-	-	-	-	-	-	-	48
Chickadee sp.	-	-	-	-	-	-	-	-	-	-	-	-	11
Tufted Titmouse	107	128	103	97	79	162	107	107	23	92	49	110	93
Red-breasted Nuthatch	14	-	23	3	1	13	4	5	-	23	3	7	40
White-breasted Nuthatch	27	51	64	28	20	125	17	47	4	41	10	17	57
Brown-headed Nuthatch	-	-	-	26	-	-	-	2	-	-	-	-	-
Brown Creeper	6	4	20	2	3	7	3	2	1	11	2	3	25
Carolina Wren	61	64	45	84	62	154	80	193	12	125	73	59	49
House Wren	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter Wren	10	1	13	3	-	7	1	6	-	7	5	1	16
Sedge Wren	-	-	-	-	-	-	-	-	-	-	-	-	-
Golden-crowned Kinglet	65	12	135	4	4	47	7	21	3	64	30	19	93
Ruby-crowned Kinglet	8	4	10	19	4	4	3	7	-	5	21	6	4
Eastern Bluebird	207	181	157	184	209	311	131	448	10	105	146	161	40
Hermit Thrush	9	17	24	7	-	15	4	21	1	11	6	2	6
American Robin	22	75	165	322	212	179	293	321	6	58	144	17	67
Gray Catbird	-	-	-	1	-	-	-	-	-	-	-	-	-
Northern Mockingbird	130	69	17	123	122	52	34	117	7	52	27	78	12
Brown Thrasher	-	1	1	22	-	2	2	7	4	-	7	2	-
European Starling	7796	1540	212	1766	1218	1189	1250	2000	2524	630	174	773	68
American Pipit	-	-	45	30	50	1	10	cw	-	-	-	11	-
Cedar Waxwing	192	218	33	443	323	91	30	360	31	116	196	21	53
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow-rumped Warbler	30	42	53	212	69	185	17	151	25	107	212	29	27
Pine Warbler	-	-	4	8	-	-	-	-	-	1	7	-	-
Palm Warbler	-	-	1	1	-	-	-	-	-	1	-	-	-
Common Yellowthroat	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Towhee	29	22	3	110	28	92	9	106	9	30	37	14	7
American Tree Sparrow	-	-	-	-	-	-	-	-	-	-	-	3	-
Chipping Sparrow	3	-	23	79	-	-	1	9	-	11	15	16	-
Field Sparrow	34	179	22	37	26	149	19	97	11	49	73	25	2
Vesper Sparrow	-	-	-	-	-	-	-	-	-	-	6	-	-
Savannah Sparrow	-	4	-	3	5	3	21	2	1	-	37	5	-

Hick	HRim	Hiw	Jack	Knox	Leb	Mem	Nash	Nick	Norr	Reel	Roan	Savh	ShVl	Warr	Totals
2	1	5	5	15	-	6	7	8	9	9	3	12	3	3	204
21	1	23	21	53	4	62	52	47	39	120	2	85	3	11	981
1	-	9	4	18	-	8	20	20	22	14	10	17	2	2	406
-	1	14	3	11	-	1	6	13	24	6	1	13	1	1	207
-	-	3	1	1	-	3	4	1	-	26	-	1	-	1	63
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
55	39	286	154	685	43	192	165	306	308	75	13	263	37	120	4986
182	1406	1088	10375	1769	121	156	2108	606	593	588	265	366	966	129	27127
-	-	-	31	-	-	-	-	-	-	-	-	-	-	-	31
-	-	-	-	-	-	-	-	-	-	-	22	-	9	-	39
-	-	-	130	-	-	21	14	-	-	1518	-	65	-	6	1822
136	11	136	33	456	17	104	330	135	213	108	51	147	75	22	3945
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
30	10	93	28	285	31	67	208	90	219	67	24	112	27	32	2580
3	1	1	-	12	-	8	3	7	6	2	42	7	1	1	230
-	4	18	12	32	-	2	49	37	89	16	14	17	6	11	835
-	-	20	-	-	-	-	-	5	-	-	-	4	-	-	37
10	2	5	3	14	1	10	19	12	9	9	6	9	2	2	202
27	11	67	33	222	10	76	157	78	148	78	14	111	23	20	2136
-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	2
-	1	5	3	6	-	2	1	6	8	7	3	11	3	-	129
1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2
28	6	35	27	67	-	25	43	47	43	16	27	83	17	4	972
14	2	27	8	36	-	33	11	51	19	31	-	51	1	-	379
89	38	335	49	354	32	33	190	189	224	55	32	253	65	80	4308
13	-	28	5	25	-	1	9	23	20	15	-	29	2	2	295
9215	4	1511	1060	3340	147	447	4057	156	98	264	26	2628	86	19	24939
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2
35	21	68	33	276	15	66	136	52	91	28	10	69	12	39	1811
2	1	17	7	24	-	15	2	17	10	16	-	10	-	1	170
13218	1219	4792	1647	10167	2816	977	2786	537	349	4295	144	686	199	868	65840
-	13	208	1	2	-	1	7	-	3	270	-	97	-	72	821
48	44	794	45	1690	4	236	308	200	525	6	51	457	185	34	6734
-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	3
91	25	321	34	403	43	96	107	159	161	178	-	581	1	54	3413
-	3	7	8	1	-	3	-	12	-	-	-	1	-	-	55
-	-	3	-	6	-	-	-	-	-	3	-	1	-	-	16
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
15	5	68	10	111	2	40	66	68	85	10	4	40	14	26	1060
-	-	-	-	-	-	-	1	-	-	6	-	-	-	-	10
3	-	32	3	36	-	-	2	34	31	1	-	39	-	cw	338
60	4	184	59	146	41	43	88	134	52	35	2	139	6	21	1737
-	-	-	-	-	-	7	-	9	-	3	-	10	-	1	36
12	11	64	23	24	1	15	7	19	16	49	-	198	1	-	521

Species	Bris.	BRiv	Cade	Chat	Clark	Clay	Col	Cook	CrCk	Eliz	Fay	Gme	GSM
LeConte's Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-
Fox Sparrow	-	12	-	-	-	6	4	7	1	4	21	2	1
Song Sparrow	212	92	124	227	40	317	38	322	24	259	108	116	55
Lincoln's Sparrow	-	-	-	-	-	-	-	-	4	-	-	-	-
Swamp Sparrow	2	20	12	10	4	85	33	39	21	1	23	24	3
White-throated Sparrow	226	177	95	209	128	378	93	313	61	332	445	181	125
Harris's Sparrow	-	-	-	-	-	-	-	-	1	-	-	-	-
White-crowned Sparrow	148	22	-	6	35	45	45	2	6	9	57	35	-
Dark-eyed Junco	431	124	225	23	210	236	65	109	92	126	374	39	137
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	-	-	-
Smith's Longspur	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Cardinal	187	170	49	185	294	270	106	278	78	152	177	163	80
Red-winged Blackbird	-	394	1	82	187	127	52	-	93	3	750	-	9
Eastern Meadowlark	43	156	24	121	17	116	67	102	70	9	165	84	16
Western Meadowlark	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow-headed Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	-	12	-	-	7	15	-	-	15	-	-
Brewer's Blackbird	-	-	-	-	-	-	-	-	-	-	1	-	-
Common Grackle	2000	-	-	1082	20	125	92	524	108	-	580	-	-
Brown-headed Cowbird	3	97	-	11	-	1	6	54	11	-	33	-	-
Blackbird sp.	-	100	-	-	112	-	-	50	-	-	-	-	-
Purple Finch	12	35	5	6	-	5	4	15	3	3	17	25	13
House Finch	134	36	2	184	190	60	37	320	6	83	63	75	9
Red Crossbill	-	-	16	-	-	-	-	-	-	-	-	-	52
Pine Siskin	2	-	73	250	1	1	3	2	12	-	-	2	462
American Goldfinch	202	215	96	270	213	159	96	253	29	215	74	168	138
Evening Grosbeak	-	-	-	-	-	-	-	-	-	-	-	-	-
House Sparrow	52	69	-	32	64	90	27	123	4	19	21	31	-
Total Individuals	18390	6026	2761	12437	6055	7784	5321	10034	5855	4508	5720	4207	2630
Total Species	84	75	71	97	64	84	90	78	78	79	74	76	56
EFFORT:													
Observers	18	11	17	27	19	12	13	20	7	15	12	20	20
Parties	6	5	9	10	6	5	6	8	-	5	3	10	13
Party Hours	64	50.25	48.25	73.75	52.75	59.2	37.5	67	21	43.5	33	41	87
Party Miles	406	-	144	365	294	379.5	286	462	-	297	-	250	179
Hours by car	33	34.75	13	38	28.5	41.75	27.5	45	-	18	-	21	9
Miles by car	394	-	110	337.5	279	353.8	276	447	-	287	-	236	76.5
Hours on foot	31	15.5	35.25	35.75	24.25	13.95	10	22	-	25.5	-	17	78
Miles on foot	12	-	34	27.5	15	10.73	10	15	-	10	-	14	102.5
Hours by boat or other	-	-	-	-	-	3.5	-	-	-	-	-	3	-
Feeder Watchers	-	-	-	-	5	-	-	1	-	-	-	3	-
Feeder Hours	-	-	-	-	-	-	-	2.25	-	-	-	22	-
Hours Owling	5.5	3	4.25	5.75	-	8.75	4	4.25	-	5	-	1	2
Miles Owling	45	-	24.75	61	-	43	-	28	-	22	-	0.25	9.2

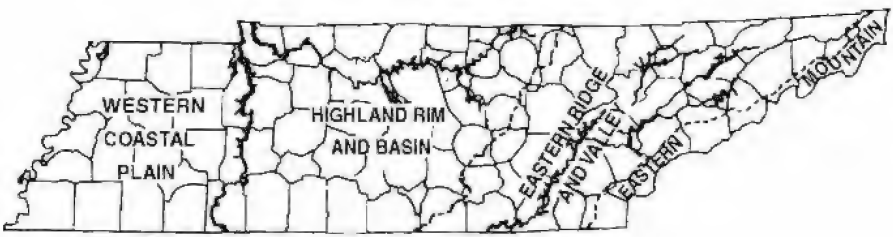
CW = species was seen during count week, but not on count day.

Hick	HRim	Hiw	Jack	Knox	Leb	Mem	Nash	Nick	Norr	Reel	Roan	Savh	ShVl	Warr	Totals
-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3
11	-	13	3	2	-	7	10	5	1	24	-	27	-	1	162
81	9	421	87	510	2	123	95	402	252	113	68	488	77	80	4742
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	5
14	5	122	18	89	-	39	15	58	5	75	-	383	3	15	1148
158	36	419	106	787	16	529	325	393	296	174	47	868	79	51	7047
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
10	12	21	9	7	9	42	7	8	24	25	-	14	7	8	613
61	26	162	140	41	61	320	89	212	220	120	95	434	214	27	4413
-	-	-	27	-	-	-	2	-	-	745	-	254	-	-	1028
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
99	27	206	270	464	43	199	401	170	192	168	21	339	33	38	4859
875	-	288	5082	246	4	552	110	43	-	17574	-	1449	3	-	27924
26	42	101	167	65	-	120	44	67	31	336	-	284	6	103	2382
-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	24
-	-	-	-	-	-	-	-	-	-	cw	-	-	-	-	cw
176	-	241	1000	-	-	81	21	-	-	502	-	252	-	76	2398
-	-	-	1500	-	-	-	-	-	-	3	-	30	-	-	1534
318	30	16	1326	21	3	11357	2595	3	-	3647	-	95	-	31	23973
1	1	150	176	8	1	121	40	17	-	1890	-	274	-	-	2897
-	-	-	10000	-	-	-	-	-	-	-	-	2000	-	40	12302
1	2	36	-	26	-	4	5	19	33	cw	-	39	3	4	315
186	11	169	33	253	78	77	309	66	167	73	34	73	60	72	2860
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	69
-	-	-	-	-	-	-	20	-	-	-	58	5	2	-	893
54	6	760	32	297	47	88	398	250	180	84	157	252	129	40	4902
-	-	-	-	-	-	-	-	-	1	-	12	-	-	-	13
10	2	59	5	85	2	204	49	31	10	196	60	44	6	10	1305
32413	3912	34653	36698	30400	5457	18990	17032	26461	5992	59000	1385	17248	2930	2718	387017
87	79	98	89	90	55	89	83	94	78	114	46	104	61	72	150
13	11	19	7	48	4	19	30	16	17	14	10	15	6	4	444
-	5	7	3	19	2	8	10	7	8	6	3	8	3	1	176
43.25	18	88.5	32	119.5	13	50	67.75	60	53.25	58.15	22.5	80.5	21.5	18	1424.1
314.8	113	294.5	218	624	66	218	294.8	329	308.05	502.5	112	438.2	135.5	138	7168.85
18	-	16.35	15	43.25	-	23	22.25	21.75	30	35.65	8	42.5	-	-	585.25
300.8	110	258	208	571	64	197	265	310.5	282.8	494.5	102	410.7	130.5	137	6638.6
22.5	-	38	17	73.75	-	27	45.5	38.25	23.25	22.5	14.5	38	-	-	668.45
14	3	16.5	10	50	2	21	29.8	18.5	25.25	8	10	27.5	5	1	492.28
2.75	-	7	-	2.5	-	-	-	-	-	-	-	-	-	-	18.75
-	-	-	1	9	4	1	-	-	2	-	-	-	-	-	26
-	-	-	5	22.5	9.25	10	3	-	2	-	-	-	-	-	76
3	2	3.25	1	4.42	-	1.5	3.5	8.75	1.75	1.5	2	3	2	1	82.17
19	-	21	10	76	-	11	17	73	3	10	6	29.9	7	-	516.1

The Migrant 72 (4): 122-127, 2001.

THE SUMMER SEASON

RICHARD L. KNIGHT, Editor



1 JUNE - 31 JULY 2001

Near normal temperatures and slightly above average rainfall prevailed this summer. These conditions should have been conducive to successful breeding for most birds. Several notable breeding records were submitted. Cormorants nested again at Rankin Bottoms. Yellow-bellied Sapsuckers and Pine Siskins, each accompanied by recently fledged young, were observed at separate Johnson County sites. *TWO* nests of Western Kingbirds were found at the EARTH Complex near Memphis. Scissor-tailed Flycatchers nested in southeast Tennessee and were also present in the two western regions. Good counts of the beleaguered Golden-winged Warbler came from two widely separated areas in east Tennessee as a result of intensive surveys. A Mourning Warbler, possibly on territory, tantalized observers on Roan Mountain. Will this be the next new breeding bird in Tennessee?

Standard Abbreviations

ad- adult
Co - County
Cr - Creek
ers - earliest reported sighting
et al. - and others
im - immature
juv - juvenile
L- Lake
lrs - latest reported sighting
max - maximum count
m.ob. - many observers
Mtn - Mountain
NWR - National Wildlife Refuge
R- River
SP - State Park
WMA - Wildlife Management Area
yg - young

WESTERN COASTAL PLAIN REGION — While June was a little milder than average, July was typically hot. Rainfall was enough to end the spell of drought of the last two summers. Notable nestings for the season included a pair of Pied-billed Grebes which nested twice at Shelby Farms and two Cooper's Hawk nests found in Shelby County. Also, the Western Kingbirds at the EARTH Complex, reported last season, turned out to be two pairs, each nesting and brooding four young. Rare species reported included a Scissor-tailed Flycatcher at the EARTH Complex, Bachman's Sparrows in McNairy County, and Lark Sparrows in Henry and Weakley Counties.

Grebe - Coot: **Pied-billed Grebe:** 1 Jun (2 ad), 11 Jun (6 chicks), 13 Jul (2 ad + 4 juv - 3 chicks), 27 Jul (2 ad + 2 juv) Shelby Farms (WRP, VBR). **American White Pelican:** 15 Jun (2) EARTH Complex (JRW). **Anhinga:** 9 Jun (1) Eagle Lake WMA (JRW). **Least Bittern:** 25 Jun (6) Reelfoot L, Lake & Obion Cos. (KL). **Tricolored Heron:** 15 Jul (1) Lower Hatchie NWR, Lauderdale Co (JRW). **Gadwall:** 10 Jun (1) EARTH Complex (JRW). **Northern Pintail:** 3 Jun (1) Black Bayou (KL, BL). **Hooded Merganser:** 3 Jun (12 yg) Black Bayou (KL, BL); 10 Jun (2 ad, 4 yg) Hatchie NWR, Haywood Co (VBR). **Osprey:** 25 Jun (3 on nests) Reelfoot L, Obion Co (KL). **Mississippi Kite:** 10 Jun (1) Henry Co (MCT); 24 Jun (82) EARTH Complex (JRW), max. **Bald Eagle:** thru Jun (2 yg) Eagle Lake WMA (Bryan Cook); 5 Jun (1 ad) E. of Samburg, Obion Co (WRP); 25 Jun (2, near nest) Reelfoot L, Obion Co (KL). **Cooper's Hawk:** 18 Jun (3 yg in nest), 10 Jul (2 ad, 3 fledged yg) Memphis (SNM); thru season (pair nested, 2 yg) Germantown, Shelby Co (Charlotte Joshlin, CHB, VBR). **King Rail:** 6 Jun (1 ad, 7 yg) Black Bayou (NaM). **American Coot:** 15 Jul (1) Robco L, Shelby Co (JRW).

Stilt - Whip-poor-will: **Black-necked Stilt:** 2 Jun (1) Black Bayou (KL, NaM); 23 Jun (4) Eagle Lake WMA (JRW); 2 Jul (57 ad, 18 yg) North Treatment Plant, Shelby Co (MaH, Margaret Jefferson, Ed Thomas); 8 Jul (34) EARTH Complex (JRW). **Greater Yellowlegs:** 8 Jul (1) EARTH Complex (JRW), ers. **Lesser Yellowlegs:** 1 Jul (2) EARTH Complex (JRW), ers. **Semipalmated Sandpiper:** 9 Jun (1) EARTH Complex (JRW), lrs; 8 Jul (1) EARTH Complex (JRW), ers; 29 Jul (131) EARTH Complex (CHB, VBR), max. **Western Sandpiper:** 8 / 22 Jul (1 / 12) EARTH Complex (JRW), ers. **Least Sandpiper:** 30 Jun (1) EARTH Complex (JRW), ers; 29 Jul (1442) EARTH Complex (CHB, VBR), max. **White-rumped Sandpiper:** 9 / 17 Jun (44 / 2) EARTH Complex (JRW), lrs; 10 Jun (7) Black Bayou (KL, BL); 22 Jul (1) EARTH Complex (CHB, VBR, WRP), ers. **Pectoral Sandpiper:** 30 Jun (1) EARTH Complex (JRW), ers; 29 Jul (830) EARTH Complex (CHB, VBR), max. **Stilt Sandpiper:** 8 Jul (8) EARTH Complex (JRW), ers. **Caspian Tern:** 17 Jun - 29 Jul (1) TVA Lake, Shelby Co (JRW, CHB, VBR, WRP). **Least Tern:** 2 Jun (20) TVA Lake, Shelby Co (CHB); 10 Jun (85) Black Bayou (KL, BL). **Eurasian Collared-Dove:** 4 Jun (6) Lake Co (WRP); 11 Jun (1) Germantown, Shelby Co (WRP). **Barn Owl:** 1 Jun (1) Mt. Orange, Gibson Co (MAG); 8 Jun (1) Fayette Co (CHB, VBR). **Whip-poor-will:** 11 - 26 Jun (1-2) Orgill Park, Shelby Co (DDP, VBR, WRP).

Flycatcher - Waxwing: **Acadian Flycatcher:** 1 Jul (1, carrying nest material) Shelby Farms (WRP), late, probable 2nd nesting. **Western Kingbird:** 17 Jun - 14 Jul (2 nests with 4 yg each on 30 Jun) EARTH Complex (JRW et al.). **Scissor-tailed Flycatcher:** 30 Jun (1) EARTH Complex (JRW). **Tree Swallow:** 4 Jun (3) Wolf River WMA (SNM, Alex McWhirter). **Northern Rough-winged Swallow:** 2 Jul (70) Shelby Co (MaH, Margaret Jefferson, Ed Thomas). **Brown-headed Nuthatch:** 22 Jul (3) Pickwick SP, Hardin Co (JRW). **Cedar Waxwing:** 3 Jun (2) Gibson Co (GeP); 5 Jun (2) Obion Co (WRP).

Warbler - Bunting: **Tennessee Warbler:** 4 Jun (1) Memphis (GeP), late spring date for state. **Prairie Warbler:** 14 Jun (1) n. Shelby Co (VBR). **Blackpoll Warbler:** 4 Jun

(1) Hardeman Co (DDP), late west Tenn. **Black-and-white Warbler:** 22 - 23 Jun (1) Munford, Tipton Co (DDP). **Worm-eating Warbler:** 3 Jun (1) Hardeman Co (VBR); 10 Jun (2) Shelby Forest (WRP). **Swainson's Warbler:** 8 Jun (2) Hatchie NWR, Haywood Co (DDP); 10 Jun (2) Shelby Forest (WRP); 22 Jun (3) Shelby Farms (WRP). **Scarlet Tanager:** 3 Jun (1) Haywood Co (CHB, Linda & John Zempel); 9 Jun (1) Wolf River WMA (MGW); 10 Jun / 13 Jul (1) Shelby Forest (WRP); 13 Jun (1) Big Hill Pond SP, McNairy Co (WRP, VBR, Robert Ilardi). **Bachman's Sparrow:** 13 Jun (2) Cypress Rd., McNairy Co (WRP, VBR, Robert Ilardi). **Lark Sparrow:** 10 Jun (1) Weakley Co & (2 ad, 1 yg) Henry Co (MCT). **Grasshopper Sparrow:** 1 / 17 Jun (1 / 2) Mt. Orange, Gibson Co (MAG); 6 Jun (2) Lake Co (WRP); 9 Jun (2) Wolf River WMA (MGW). **Song Sparrow:** 2 - 6 Jun / 29 Jul (1-5) Black Bayou (KL, NaM). **Painted Bunting:** 15 - 29 Jul (1) EARTH Complex (CHB, WRP, VBR, MGW).

Locations: Black Bayou - in Lake Co; Eagle Lake WMA - in Shelby Co; EARTH Complex - in Shelby Co; Shelby Farms / Forest - in Shelby Co; Wolf River WMA - in Fayette Co.

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HIGHLAND RIM AND BASIN REGION — In the Nashville area the summer months of June and July did not stray greatly from their historical weather averages. While June was a couple degrees cooler than normal, July temperatures were indeed typical. Rainfall was an inch above the mean in June, but compensated by falling an inch below the standard for July. The usual heat and often oppressive humidity unfortunately kept birding forays at a minimum, producing a small number of records.

Egret - Whip-poor-will: **Great Egret:** 4 Jun (1) Shelby Bottoms (PDC). **Osprey:** 16 Jun (pair at nest) Smyrna airport, Rutherford Co (NTOS). **Bald Eagle:** 21 Jul (1 ad, 1 yg) Cross Cr. NWR, Stewart Co (Michael Smith). **American Avocet:** 3 Jul (1) Duck R. Unit, Humphrey's Co (Clayton Ferrell). **Barn Owl:** 8 Jun (2) Bumpus Mills, Stewart Co (Daniel Moss). **Chuck-wills-widow:** 16 Jun (2) Rutherford Co (NTOS). **Whip-poor-will:** 16 Jun (4) Rutherford Co (NTOS).

Flycatcher - Oriole: **Acadian Flycatcher:** 3 Jun (1 at nest) Radnor L (JKS). **Willow Flycatcher:** 2 Jul (2) Shelby Bottoms (PDC). **Scissor-tailed Flycatcher:** 8 Jun (1) Putnam Co (Barbara Stedman), first Co. record; 16 Jun (1) Smyrna airport, Rutherford Co (NTOS), nested here last year. **Yellow-throated Vireo:** 3 Jun (1 ad feeding 1 yg) Radnor L (JKS, Marian Delaplane). **Horned Lark:** 21 Jul (1 juv) Cross Cr. NWR, Stewart Co (Michael Smith). **Cedar Waxwing:** 1 Jun (55) Shelby Bottoms (PDC). **Cerulean Warbler:** 14 Jun (1) Cheatham WMA (JKS). **Scarlet Tanager:** 20 Jun (1) Cheatham WMA (JKS). **Baltimore Oriole:** 18 Jun (1) Shelby Park (PDC).

Locations: Cheatham WMA - in Cheatham Co; Radnor L - in Davidson Co; Shelby Park / Bottoms - in Davidson Co.

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CUMBERLAND PLATEAU / RIDGE AND VALLEY REGION — Temperatures were near normal this summer, while rainfall was above normal, particularly in July. This excessive rain finally filled the last of the upper TVA lakes. Nesting waterbirds at Rankin Bottoms included cormorants and a new colony of Great Blue Herons, with Great Egrets possibly nesting alongside the Great Blues. Single Hooded Mergansers at three sites in the Chattanooga area were all thought to be immature birds, indicating local nesting. A brief visit by a Mississippi Kite to Greeneville was a pleasant surprise. Stormy weather in late July grounded 240+ shorebirds of nine species in a flooded field in Greene County and lesser numbers elsewhere. A massive movement of Bank Swallows occurred in Greene County at that time, as well. Pairs of Scissor-tailed Flycatchers were found at two new locations in southeast Tennessee, with evidence of breeding at both sites.

Grebe - Heron: **Pied-billed Grebe:** 5 Jul (1) Brainerd Levee (Betty Wampler). **Double-crested Cormorant:** thru season (1-6) Austin Springs, Washington Co (RLK); 3 Jun (last year's nests gone, no sign of nesting), but then on 19 Jun (2 newly built nests at same site, 1 ad. incubating) Rankin Bottoms (RLK). **Great Blue Heron:** new nesting colony found at Rankin Bottoms, with 5+ nests (Michael Sledjeski / RLK). **Great Egret:** thru season (2) Brainerd Levee (KAC et al.); 3 / 19 Jun & 17 Jul (14+) Rankin Bottoms (RLK), may have nested with Great Blue Herons. **Little Blue Heron:** 20 Jul (1 im) Kingston Steam Plant, Roane Co (Ron Hoff, Dollyann Myers); 28 Jul (1 im) Greene Co (DHM, ACL). **Cattle Egret:** 3 Jun (1) Rankin Bottoms (RLK), but last year's nest site vacant. **Black-crowned Night-Heron:** 3 Jun (20+) Rankin Bottoms (RLK), no nests seen; 23 - 29 Jul (1-3) Greene Co (DHM, ACL). **Yellow-crowned Night-Heron:** thru season (2) Brainerd Levee (BJJ, Judy Newsome, Janice Chadwell).

Duck - Owl: **Blue-winged Teal:** thru 15 Jun (1) Brainerd Levee (KAC et al.), lrs. **Ring-necked Duck:** 29 Jul (1) Greene Co (DHM, ACL). **Hooded Merganser:** 17 Jun (1) Bledsoe Co (BJJ); 27 Jun (1) Hamilton Co (Harold Sharp); 21 Jul (1) Hiwassee R. area, Meigs Co (KAC). **Mississippi Kite:** 11 Jul (1) Greeneville (JoAnne & Larry Routledge et al.), first Co. record. **Peregrine Falcon:** thru season (2) Chickamauga Dam, Hamilton Co (m.ob.). **Semipalmated Plover:** 10 Jun (1) Jefferson Co (Dean Edwards), lrs. **Lesser Yellowlegs:** 29 Jul (142) Greene Co (ARH, JWB), record high count in Co. **Willet:** 29 Jul (3 / 7) separate Greene Co sites (ARH, JWB / DHM), first for Co. **Pectoral Sandpiper:** 29 Jul (46) Greene Co (ARH, JWB), max. **Stilt Sandpiper:** 28 / 29 Jul (2 / 6) Brainerd Levee (KAC et al.); 29 Jul (25) Greene Co (ARH, JWB); 29 Jul (2) Washington Co (RLK). **Short-billed Dowitcher:** 29 Jul (2) Greene Co (ARH, JWB). **Caspian Tern:** 20 Jul (1) Kingston Steam Plant, Roane Co (Ron Hoff, Dollyann Myers). **Black Tern:** 28 Jul (4) Bledsoe Co (BJJ, Judy Newsome, Janice Chadwell). **Barn Owl:** thru season (1-2) Tusculum, Greene Co (DHM, ACL).

Flycatcher - Cowbird: **Willow Flycatcher:** thru season (2 pairs) Cove Lake SP (NeM, Bill Sullivan). **Scissor-tailed Flycatcher:** May thru 1 Jul (pair) Sequatchie Co (m.ob.), nest found, but no sign of yg; 27 Jun / 2 Jul (1 / pair feeding 3 yg) South Pittsburg, Marion Co (Hill Henry / Jerry Ingles). **Warbling Vireo:** 3 Jun (2) Rankin Bottoms (RLK). **Horned Lark:** 10 Jun (1) Greene Co (DHM); Jun - Jul (up to 3) Cross Mtn., Campbell / Anderson Co (NeM), in reclaimed strip mine. **Bank Swallow:** 19 Jun

(15+) Clinch R., ca. 1 mile below Norris Dam, Anderson Co (Dev Joslin), nesting nearby?; 30 Jul (1,000 +) Greene Co (DHM, ACL). **Cliff Swallow:** thru season (12 + nests each) bridges at Hwy 25W/63 and at Old Middlesboro Hwy at Doaks Cr., Campbell Co (NeM), apparently first Co. breeding records. **Veery:** 26 Jun (1) Patterson Mtn, Anderson Co & 29 Jun (2) Redoak Mtn, Campbell Co (both by Charles Nicholson), possible new breeding sites in the Cumberlands. **Cedar Waxwing:** 21 Jul (nest with 2-3 eggs) Johnson City (RLK), blown out of pine tree in yard. **Blue-winged Warbler:** 10 Jun (2, 1 carrying fecal sac) Bledsoe Co (KAC). **Golden-winged Warbler:** 10 Jul (1) Hamilton Co (KAC); thru season (42+) Campbell & Anderson Cos. (NeM). **Chestnut-sided Warbler:** 6 Jun (1) near Leatherwood Ford, Big South Fork, Scott Co (Stephen Stedman). **Prothonotary Warbler:** 3 / 19 Jun (6 +) Rankin Bottoms (RLK); 6 / 29 Jul (1) Greene Co (DHM); thru season (7, yg in nest being fed in Jun) Cove Lake SP (NeM). **Swainson's Warbler:** late Jul (5 singing males) Cove Lake SP (NeM). **Savannah Sparrow:** thru Jul (4 + at 2 sites) Washington Co (RLK); thru Jul (1-8 at 2 sites) Greene Co (DHM). **Grasshopper Sparrow:** 4 Jul (22, plus 1 yg) Cross Mtn, Campbell / Ande'rson Cos. (NeM), in reclaimed strip mine at ca. 3000 ft elevation. **Rose-breasted Grosbeak:** 1 / 12 Jul (1) Greeneville (DHM, ACL), unseasonal at this low elevation. **Blue Grosbeak:** 10 Jun (14) Greene Co (DHM), max. **Dickcissel:** thru 29 Jul (1-2) Limestone, Washington Co (RLK), 6th year at site; 30 Jul (1) Mohawk, Greene Co (DHM, ACL). **Brown-headed Cowbird:** 20 Jul (juv. fed by ad. Carolina Wren) Hamilton Co (Virginia Sweeny).

Locations: Brainerd Levee - in Hamilton Co; Cove Lake SP - in Campbell Co; Rankin Bottoms - in Cocke Co.

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EASTERN MOUNTAIN REGION — The first northeast Tennessee breeding record for Yellow-bellied Sapsucker highlighted the summer season. A Mourning Warbler singing on Roan Mountain over a several day period indicates the possibility of a new nesting warbler for the state.

Loon - Sapsucker: **Common Loon:** 9 Jul (2) Watauga L, Carter Co (Joe McGuiness). **Great Blue Heron:** 1 Jul (2 flying over) Grassy Ridge, Roan Mtn (AJT, RLK, H.P. Langridge et al.). **Yellow-crowned Night-Heron:** thru season (1-2) Elizabethton (m.ob.). **Gadwall:** thru season (1 female, injured) Erwin (Bryan Stevens). **Bald Eagle:** 8 Jul (1 ad) Roan Mtn (Larry McDaniel, Janet Brown). **Cooper's Hawk:** 20 / 25 Jun (1) Stone Mtn (RLK). **Peregrine Falcon:** 6 Jun (2) Alum Cave Bluff, GSMNP (DE); 10 Jun (1) Greenbrier Pinnacle, GSMNP (Susan Hoyle, Kristine Johnson). **Mourning Dove:** 4 Jun / 12 Jul (2 / 1) Carver's Gap / Engine Gap, both on Roan Mtn (RLK et al.); 15 - 29 Jun (4) 4200 ft on Stone Mtn (RLK). **Black-billed Cuckoo:** 12 Jun (1) Cherohala Skyway (Hwy 165), Monroe Co (KAC), at 4000 ft. **Northern Saw-whet Owl:** thru season (active nest in nest box) Carver's Gap, Roan Mtn (AJT, RLK et al.). **Red-headed Woodpecker:** thru period (pair) Holston Valley, Sullivan Co (JWC, Richard Lewis); 25 Jun (pair at cavity) Paddle Cr., Sullivan Co (JWC). **Yellow-bellied Sapsucker:** 15 - 29 Jun (2 pairs / 2 yg seen on 29th) Stone Mtn (RLK), first breeding in NE Tenn.

Flycatcher - Siskin: **Olive-sided Flycatcher:** 6 Jun (1 singing) Alum Cave Bluff, GSMNP (DE). **Alder Flycatcher:** thru season (6+) Roan Mtn (AJT, RLK et al.). **Common Raven:** 20 - 29 Jun (1-4) Stone Mtn (RLK). **Tree Swallow:** 28 Jun (pair at nest box) Round Bald, Roan Mtn (RLK), 3rd year nest box used at this high elevation site. **Brown Creeper:** 10 Jun (1) Walnut Mtn, Carter Co (RLK). **Hermit Thrush:** thru season (4 +) Roan Mtn (AJT, RLK). **Golden-winged Warbler:** thru season (44 males & 3 nests) Roan Mtn area (AJT). **"Brewster's" Warbler:** mid Jun (1) Hampton Cr. Cove, Roan Mtn (AJT). **Blackburnian Warbler:** 26 May (8) Holston Mtn, Carter / Sullivan Cos (RLK); 12 Jun (1 +) Holly Flats, Monroe Co (KAC). **MOURNING WARBLER:** 23 Jun - 4 Jul (1 male) Grassy Ridge, Roan Mtn (AJT, m.ob.), in both Tenn. & N.C. **Vesper Sparrow:** 14 Jul (1) Roan Mtn (AJT). **Savannah Sparrow:** 25 Jun (3) Mill Cr., Johnson Co (RLK); 1 Aug (8 +, including juv.) Quarry Bog, Shady Valley (RLK, JWC). **Red Crossbill:** 4 Jun (8) Roan Mtn (RLK); 5 Jun (6) Indian Gap, GSMNP (DE); 13 Jun (2) Cades Cove, GSMNP (Charlie Muise). **Pine Siskin:** 4 Jun - 12 Jul (6 - 12) Roan Mtn (RLK, AJT); 5 Jun (2) Indian Gap, GSMNP (DE); 27 - 30 Jun (2 ad, 3 yg at feeder) Shady Valley (John & Lorrie Shumate).

Addendum: **Yellow-bellied Sapsucker:** 1 Jul 1974 (1) Big Bald Mtn, Unicoi Co (Richard Lewis), along Appalachian Trail in both Tenn & N.C.

Locations: GSMNP - Great Smoky Mountains National Park; Roan Mtn - in Carter Co; Shady Valley - in Johnson Co; Stone Mtn - in Johnson Co.

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OBSERVERS

JWB - James W. Brooks
CHB - Carolyn H. Bullock
KAC - Kevin A. Calhoon
PDC - Phillip D. Casteel
JWC - J. Wallace Coffey
DE - Dee Eiklor
MAG - Mark A. Greene
MaH - Martha Heinemann
ARH - Audrey R. Hoff
BJJ - Bonnie J. Johnson
RLK - Richard L. Knight
BL- Betty Leggett
KL- Ken Leggett
ACL - Alice C. Loftin
SNM - Susan N. McWhirter
DHM - Don H. Miller
NaM - Nancy Moore
NeM - Nell Moore
GeP - Gerry Papachristou
WRP - W. Robert Peeples
DDP - Dick D. Preston
VBR - Virginia B. Reynolds
JKS - Jan K. Shaw
MCT - Michael C. Todd
AJT - Allan J. Trently
MGW - Martha G. Waldron
JRW - Jeff R. Wilson
NTOS - Nashville chapter TOS

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